

Fraction/Decimal/Percentage Equivalents Foldable

Supplies:

Old Manila Folders

Glue

Scissors

Student copies

Overhead transparencies of each chart

To Make Foldables:

Students should cut outside edges of each handout so that they can be glued to the manila folder.

The pages should be glued so that when the folder is open the pages are facing the same direction. This allows for easy comparisons.

Help students fill out foldable and practice finding equivalents.

Assessment:

I often give the quiz at the end of creating the foldable allowing students to use their own foldable to answer questions.

Decimals

[illegible]

[illegible]

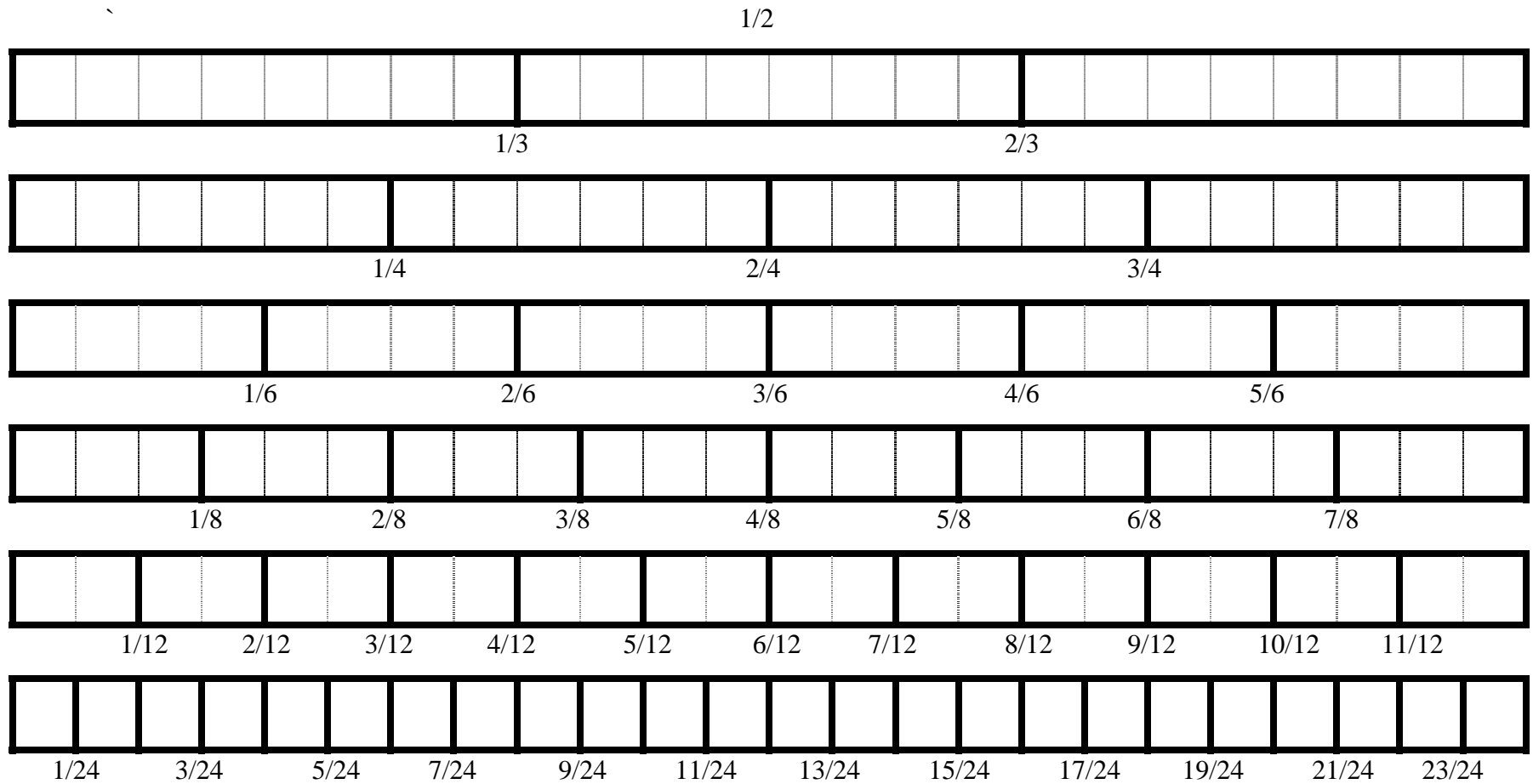
Percents %

[illegible][illegible][illegible]

Fractions

[illegible][illegible][illegible]

Fraction Bars



Percents, Decimals, and Fraction Foldable Quiz

1. What is $\frac{9}{12}$ in simplest form?

A. $\frac{6}{8}$

C. $\frac{3}{4}$

B. $\frac{2}{3}$

D. $\frac{1}{2}$

2. Which sign makes this a true statement? $.75$ _____ $\frac{3}{4}$

A. $>$

C. $=$

B. $<$

D. $\$$

3. Which set of numbers is in order from least to greatest?

A. .02, .4, 1, 2.3

C. .6, .04, 9, 10.5

B. .5, .03, .09, .7

D. 4, .08, .12, 3

4. Think about zero, half, and one. Which set of fractions is in order from least to greatest?

A. $\frac{9}{16}, \frac{1}{14}, \frac{8}{9}, \frac{5}{12}$

C. $\frac{1}{14}, \frac{9}{16}, \frac{8}{9}, \frac{5}{12}$

B. $\frac{1}{14}, \frac{5}{12}, \frac{9}{16}, \frac{8}{9}$

D. none of the above

5. Which fraction is larger?

A. $\frac{4}{8}$

C. $\frac{3}{4}$

B. $\frac{11}{16}$

D. $\frac{7}{12}$

6. Which decimal is larger?

A. 0.6

C. 0.5625

B. 0.6875

D. 0.7

7. Which percent is larger?

A. 12.5%

C. 12.50%

B. 12.500%

D. They are all the same.

8. Look at the simplified bottom row of the fraction bars paper. What fraction is between $\frac{3}{12}$ and $\frac{4}{12}$?

A. $\frac{1}{8}$

C. $\frac{2}{8}$

B. $\frac{7}{24}$

D. $\frac{1}{2}$

9. The fraction that is equivalent to 60% is:

A. $\frac{1}{6}$

C. $\frac{1}{60}$

B. $\frac{3}{5}$

D. none of the above

10. What do $\frac{5}{10}$ and $\frac{6}{12}$ have in common?

A. They are both equal to $\frac{1}{2}$.

B. They both have odd numbers in the numerator.

C. They are both improper fractions.

D. They are both mixed numbers.


11. What is 0.083 as a fraction?

A. $\frac{3}{8}$

C. $\frac{8}{3}$

B. $\frac{1}{12}$

D. 83%

12. If this rectangle  represents one whole, which number represents the shaded parts?



A. $1\frac{6}{8}$

C. $1\frac{1}{8}$

B. $3\frac{1}{8}$

D. $3\frac{1}{2}$